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**JAN 18 2007**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application of:

Group Art Unit: 1775

Applicant: Andrew Jeremiah Burns, et al.

Examiner: Elizabeth D. Ivey

Serial No.: 10/816,739

Atty. Docket: 2003P05056US01

Filed: 04/02/2004

Confirmation No.: 1387

Title: THERMAL BARRIER COATING HAVING NANO SCALE FEATURES

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

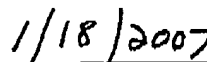
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This Certification sheet (1 page)

Response under 37 CFR 1.111 (5 pages)



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INTRODUCTORY COMMENTS

This paper is in response to the Office Communication mailed 10/19/2006.

IN THE CLAIMS

Please amend the claims as shown beginning on the following page.

(please proceed to page 2)